

DAT notes for 27 January 2011

Attendees: Angela Llaban, Cynthia LeDoux-Bloom and Reza Shahcheraghi (DWR), Geir Aasen and Julio Adib-Samii (DFG), Barbara Byrne (NMFS), RG Fernando (MWD), Leigh Bartoo and Nick Hindman (USFWS).

HATCHERY REPORT (Angela Llaban)

Livingston Stone NFH release of winter-run Chinook will be monitored for incidental take at the pumps along with the December and January spring surrogate releases.

State and Federal Hatchery Releases												
	LS	Date	CNFH	Date	FRH	Date	Nimbus	Date	Moke	Date	Merced	Date
CHNF												
CHLF			778,253	12/09/10								
			76,171	12/21/10								
			157,719	1/14/11								
CHNW	123,870	2/3/2011										
CHNS												
SH			715,712	1/3/11 - 1/10/11								

DFG & FWS TRAP REPORT (A. Llaban)

At Red Bluff Winter and spring run passage peaked on January 1, 2011. Winter run passage is decreasing now. Fall-run Chinook passage has increased. Mill and Deer Creek tributaries are monitored for spring-run emigration. DFG has resumed fishing the traps and will try to send an update on the catch data soon.

At Knight's Landing, total wild Chinook catch ranged from 21-103 fish/day. Highest catch was Thursday 1/20/2011 (F+S CPUE =53.2). Chinook catch has decreased since then. A few hatchery Chinook and Steelhead have been caught. These are most likely from Coleman NFH releases. No wild Steelhead have been caught this season.

FWS & DFG Rotary Screw Trap Reports												
	Red Bluff		Mill		Deer		Moulton		Tisdale		Knight's Landing	
Report Period	Jan 1-14, 2011		No update		No update		Jan 20-24, 2011		Jan 20-24, 2011		Jan 20-25, 2011	
Flow (cfs)	~10,000		250		268		10,000		11,600		~14,000	
Turbidity (NTU)	7.5						12.1		12		1.5 ft (secchi)	
H2O (F) (C)		9.6		7.4		7.0	52		50		52	
	Non-Ad Clip Wild		Non-Ad Clip Wild		Non-Ad Clip Wild		Ad Clip Hatchery	Non-Ad Clip Wild	Ad Clip Hatchery	Non-Ad Clip Wild	Ad Clip Hatchery	Non-Ad Clip Wild
CHNF	1,183,784		ND		ND		6	153	7	302	0	100
Total to Date	2,032,710							1583		2399		2098
CHNLF	914							0		0		0
Total to Date	181,410							25		12		7
CHNW	16,859							2		5		6
Total to Date	1,297,889							205		271		341
CHNS	5,831							5		40		3
Total to Date	93,641						274	69	65	258	66	133
SH	317		0		0		25	0	14	0	12	0
Total to Date	317						82	2	31	1	17	0
ND= No data available. *Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin												

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Chinook monitoring data can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

USFWS TRAWL & SEINE REPORT

Catch of winter and late-fall run Chinook has decreased. There is an increase in catch of fall-run Chinook. Very few Chinook were observed exiting the Delta at Chipps Island which indicates many Chinook are currently rearing in the Delta before migrating towards the ocean.

Salmonids- USFWS Trawl and Seine Report for 01/16/2011 to 01/22/2011				
Species*	Chipps Is MWTR	Sacramento KDTR	Mossdale KDTR	Beach Seines
CHNF	0	31	2	696
CHNLF	0	0	0	0
CHNW	0	0	0	6
CHNS	0	7	0	73
CHN hatchery	0	2	0	1
SH - wild	2	0	0	0
SH - hatchery	8	2	0	0
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin Field sampling seasons for all trawls and seines begins 1 August 2010 and ends 31 July 2011.				

Smelts and Others- USFWS Trawl and Seine Report for 01/16/2011 to 01/22/2011								
	Chipps Is		Sacramento		Mossdale		Beach Seine	
Species	#	Size Range	#	Size Range	#	Size Range	#	Size Range
DSM	9	60-70mm	0	-	0	-	0	-
LFS	0		0		0		0	
SPT	3		0		0		0	
GST	0		0		0		0	
WST	0		0		0		0	

SALVAGE REPORT (G. Aasen)

Salvage report for 01/18/2011 to 01/23/2011								
Species	CVP Adipose Clip Hatchery		CVP Non-Adipose Clip Wild		SWP Adipose Clip Hatchery		SWP Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	0	0	92	55	0	0	38	154
Total to Date	36	25	184	109	94	401	50	204
CHNLF	0	0	0	0	8	34	4	17
Total to Date	220	151	164	108	469	2009	36	152
CHNW	0	0	28	19	8	36	46	166
Total to Date	71	49	237	152	235	1009	158	199
CHNS	0	0	0	0	0	0	0	0
Total to Date	0	0	12	7	0	0	0	0
Sum of all Races to Date	327	225	597	375	798	3419	244	1040
SH	12	-	0	-	28	-	7	-
Total to Date	12	-	0	-	28	-	14	-
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin								

No Delta Smelt were salvaged at either facility (seasonal total CVP=8, SWP=0).
 No Longfin Smelt were salvaged at either facility (seasonal total CVP=4, SWP=0)
 Splittail were salvaged at both state and federal facilities (CVP= 8, seasonal total = 201; SWP =16, seasonal total =852)

SMELT MONITORING (J. Adib-Samii)

Smelt Larva Survey #1 data has been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>
 SLS #2 will begin on 1/31/11.

SMELT WORKING GROUP (L. Bartoo, F. Mejia)

No recommendations. The group concluded that the overall risk of entrainment is low given the SKT distributional data, low turbidity, and favorable hydrology. Apparent abundance remains very low, and the recent occurrence of first flush conditions raises concern for the species into the moderate range. Delta smelt upstream migration is ongoing. The risk of delta smelt entering the central and south Delta is likely to remain low, due to decreasing turbidity and the anticipated flow levels in the San Joaquin River.

DOSS (A. Llaban)

1st trigger was met for OMR flow management (NMFS' OCAP Opinion Action IV.2.3) on Thursday, January 20, 2011, and reported to NMFS and WOMT on Friday, January 21. Operations were adjusted to meet the new OMR flow target of no more negative than 3500cfs beginning Sunday, January 23, 2011; this OMR target is in place for at least 5 consecutive days. Starting on the 3rd day after export reductions (Tuesday 1/25), if fish density is less than any trigger density for 3 consecutive days (T-Th, 1/25-1/27), then the projects can return to operations that target an OMR flow no more negative than -5000 cfs.

OPERATIONS (R. Shahcheraghi)

Summary for January 27, 2011			
SWP		CVP	
Clifton Court (cfs)	4,000	Jones Pumping Plant (cfs)	4,100
Outflow (cfs)	23,900	American- Nimbus (cfs)	2,500
Oroville (cfs)	2,399	Keswick (cfs)	4,400
San Luis Total (TAF)	1,872	Stanislaus (cfs)	NA
San Luis Share(TAF)	970	Mokelumne (cfs)	NA
X2 (Km)	63.4	Tuolumne (cfs)	NA
E/I (%)	19.9		
OMR (daily)	-3998		
OMR 5 day (cfs)	-4234		
OMR 14 day (cfs)	-4697		
Prisoner's Pt (NTU)	N/A		
Holland Cut (NTU)	5.8		
Victoria (NTU)	6.9		

Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

OTHER BUSINESS

A presentation on 2010 b(2) accounting presented at the January CalFedOps meeting is posted at <http://www.usbr.gov/mp/cvo/>

The next DAT call is scheduled for Thursday, Feb 3, at 11:00 am. Call in number will be 916-657-4111.

Respectfully submitted,
 Angela Llaban & Cynthia LeDoux-Bloom